

MATERIAL SAFETY DATA SHEET

MC-X-01048

Opn 1014-2

MSDS NUMBER

2450

Rev. #1

PRODUCT IDENTIFICATION

TRADE NAME <u>CELITE 523, 526, 535, 535.P, 580</u> <u>545, 545.P, 550, 552, 578, 578, 578.P, 579.</u>			GENERIC NAME <u>Diatomaceous earth, diatomite</u>		
MANUFACTURER'S NAME <u>Manville International Corporation</u>			CAS NUMBER <u>68855-54-9</u>		
ADDRESS (STREET) <u>P. O. Box 5108</u>			PHONE NUMBER <u>(303) 978-3120</u>		
CITY <u>Denver</u>	STATE <u>Colorado</u>	ZIP <u>80217</u>	CHEMICAL STRUCTURE		

I • PRODUCT INGREDIENTS

MATERIAL	CAS NUMBER	%	TLV
Flux calcined diatomaceous earth	68855-54-9	100	1.9 mppcf 0.08 mg/m3 respirable cristobalite
This product contains approximately 60% free crystalline silica (cristobalite)			
Properties shown herein are characteristic of flux calcined diatomaceous earth.			

II • PHYSICAL DATA

BOILING POINT <u>N/A</u>	SPECIFIC GRAVITY <u>2.3</u>
SOLUBILITY IN WATER <u>Slight</u>	PERCENT VOLATILE <u>Nil</u>
APPEARANCE AND ODOR <u>Fine white powder - no odor</u>	

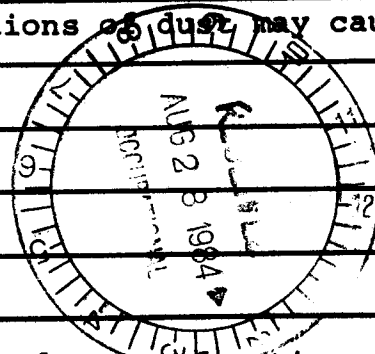
III • FIRE AND EXPLOSION DATA

FLASH POINT <u>Nonflammable</u>	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA <u>N/A</u>			
SPECIAL FIREFIGHTING PROCEDURES <u>N/A</u>			
UNUSUAL FIRE OR EXPLOSION HAZARDS <u>N/A</u>			

IV • HEALTH HAZARD INFORMATION

HAZARD BY ROUTES OF EXPOSURE (Indicate chronic or acute)

INHALATION	<u>Prolonged exposure to excessive concentrations of dust may cause chronic pulmonary disease.</u>
INGESTION	<u>None</u>
EYE	<u>Transient mechanical irritant</u>
SKIN CONTACT	<u>None</u>
SKIN ABSORPTION	<u>None</u>
SIGNS AND SYMPTOMS ASSOCIATED WITH EXPOSURE OVER TLV <u>Inhalation - irritation, cough, possible impaired pulmonary function.</u>	
<u>Eye - temporary irritation or inflammation</u>	



HEALTH HAZARD INFORMATION CONTINUED ON BACK

V • HEALTH HAZARD INFORMATION (Continued)**FIRST AID****INHALATION**

Remove to fresh air

INGESTION

N/A

EYE CONTACT

Flush with copious quantities of water

SKIN CONTACT

N/A

SKIN ABSORPTION

N/A

VI • CONDITIONS FOR SAFE USE (When over TLV)**RESPIRATORY PROTECTION**

NIOSH approved respirator for protection against pneumoconiosis-producing dusts.

EYE PROTECTION

Not normally required.

PROTECTIVE GLOVES

Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT

Not normally required.

VENTILATION REQUIREMENTS

Recommended at bag opening stations

VII • REACTIVITY DATA**IS MATERIAL STABLE?**

Yes

WILL HAZARDOUS POLYMERIZATION OCCUR?

No

INCOMPATIBILITY

Hydrofluoric acid

CONDITIONS TO AVOID**HAZARDOUS DECOMPOSITION PRODUCTS**

None

VIII • SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.

Repair broken bags

WASTE DISPOSAL METHOD

Material contains crystalline silica (cristobalite).

Dispose in closed containers. Comply with local, state & federal regulations.

LABELING REQUIRED?

Yes

DOT REGULATED?

No

DOT NUMBER

N/A

RCRA REGULATED?

No

RCRA NUMBER

N/A

IX • SPECIAL PRECAUTIONS**SPECIAL PRECAUTIONS FOR HANDLING AND STORAGE**

Avoid creating dust. Repair all broken bags.

OTHER PRECAUTIONS

See caution label on bag.

PREPARED BY

Kenneth A. Roberts

DATE

4/27/84

TITLE

Mgr., Environmental Services

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, THE MANUFACTURER MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.